IN THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application. An identifier indicating the status of each claim is provided.

Listing of Claims:

1. – 18. (Canceled)

19. (Currently Amended)   A video data encoding apparatus for encoding a source video data, comprising:

detecting means for detecting a motion vector of said source video data output from a signal source;

encoding means for encoding source video data using said motion vector;

amount-of-information detecting means for detecting an amount of information in said source video data encoded in said pre-encoding mode,

wherein, when in a pre-encoding mode, said detection means and said encoding means both operate, said encoding means encoding said source video data using said motion vector detected by said detection means; and

when in an encoding mode, said encoding means operates and said detection means does not operate, said encoding means encoding said source video data using said motion vector detected by said detection means in said pre-encoding mode, and using information generated in said pre-encoding mode.

20. (Canceled)

21. (Currently Amended)   The video data encoding apparatus according to claim [[20]]19, further comprising table information memory means for storing a table of the amount of information in said source video data encoded in said pre-encoding mode and an associated optimum quantization step to be employed when the source video data is to be encoded in said encoding mode.

22. (Original)   The video data encoding apparatus of claim 19, further comprising storage means for storing said motion vector detected by said detection means,

wherein said encoding means encodes said source video data using said motion vector stored in said storing means in said encoding mode.

23. (Currently Amended)   A video data encoding method for encoding a source video data, comprising the steps of:

pre-encoding said source video data, comprising the steps of detecting a motion vector of said source video data output from a signal source, and encoding said source video signal using said detected motion vector;

detecting an amount of information in said pre-encoded source video data; and

encoding said source video data, comprising the step of encoding said source video data using said motion vector detected during pre-encoding of said source video data.

24. (Canceled)

25.   (Currently Amended)   The video data encoding method according to claim [[24]]23, further comprising the step of storing a table of the amount of information in said pre-encoded source video data and an associated optimum quantization step to be employed when the source video data is to be encoded.

26.   (Currently Amended)   The video data encoding method according to claim [[22]] 23, further comprising the steps of:

storing said detected motion vector; and

encoding said source video data using said stored motion vector.

27.   (New)   A video data encoding apparatus for encoding a source video data, comprising:

a detection device configured to detect a motion vector of said source video data output from a signal source;

an encoding device configured to encode source video data using said motion vector;

an amount-of-information detecting device configured to detect an amount of information in said source video data encoded in said pre-encoding mode,

wherein, when in a pre-encoding mode, said detection device and said encoding device both operate, said encoding device encoding said source video data using said motion vector detected by said detection device; and

when in an encoding mode, said encoding device operates and said detection device does not operate, said encoding device encoding said source video data using said motion vector

detected by said detection device in said pre-encoding mode, and using information generated in said pre-encoding mode.

28. (New)   The video data encoding apparatus according to claim 27, further comprising a table information memory device configured to store a table of the amount of information in said source video data encoded in said pre-encoding mode and an associated optimum quantization step to be employed when the source video data is to be encoded in said encoding mode.

29. (New)   The video data encoding apparatus of claim 27, further comprising a storage device configured to store said motion vector detected by said detection device,

wherein said encoding device encodes said source video data using said motion vector stored in said storage device in said encoding mode.